

Title (en)  
MICROWAVE HYPERTHERMIA PROBE

Publication  
**EP 0317067 A3 19901227 (EN)**

Application  
**EP 88309314 A 19881006**

Priority  
US 10892387 A 19871015

Abstract (en)  
[origin: EP0317067A2] Heating pattern uniformity is provided in a coaxial microwave hyperthermia probe (10) by varying the open area in the outer conductor (13) in an axial direction such that there is a maximum open area in the axial center portion. The variations may be provided by winding an outer conductor (17) in a helical pattern with a variable pitch or by cutting openings (34) of axially varying size in a solid outer conductor (33). The invention is applicable to both flexible and rigid probes.

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**A61N 5/04**; **A61F 7/00**

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CPC (source: EP US)  
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